

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Patent Application No. 09/835,316

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A touch type liquid-crystal display device comprising:

a liquid-crystal display panel having flexibility; and

a touch panel disposed on a back side, opposite to a visual side, of said liquid-crystal display panel,

wherein said touch panel comprises at least one pair of electrodes disposed to be opposite to each and separated by a gap, said electrodes being adapted for coming into partial contact with each other by a pressing force to thereby detect an input position, and

wherein said liquid-crystal display panel comprises a colored substrate, and said electrodes are disposed on a back side, opposite to a visual side, of said colored substrate.

2. (Previously Presented) A touch type liquid-crystal display device according to claim

1, wherein said liquid-crystal display panel comprises a substrate disposed on a touch panel side, and a light absorbing layer or a light reflection layer.

3. (Canceled).

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4. (Previously Presented) A touch type liquid-crystal display device according to claim 2, wherein said light reflection layer is located at an inner or outer side of said touch-panel-side substrate of said liquid-crystal display panel.

5. (Previously Presented) A touch type liquid-crystal display device according to claim 1, wherein said touch panel further comprises a film interposed between one of said electrodes and said liquid-crystal display panel.

6. (Original) A touch type liquid-crystal display device according to claim 5, wherein said film has said light absorbing layer on said other surface on which no electrode is provided or said film has said light reflection layer in an inner side of said electrode provided on an electrode-side surface of said film.

7. (Previously Presented) A touch type liquid-crystal display device according to claim 2, wherein said light reflection layer serves also as an electrode of said liquid-crystal display panel.

8. (Original) A touch type liquid-crystal display device according to claim 2, wherein said light reflection layer is made of a film for forming a light reflection means.

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9. (Original) A touch type liquid-crystal display device according to claim 2, further comprising an illuminator disposed on a back side, opposite to a visual side, of said touch panel, wherein said light reflection layer is of a semi-transmission type.

10. (Previously Presented) A touch type liquid-crystal display device according to claim 1, wherein said liquid-crystal display panel comprises a substrate made of a resin.

11. (Previously Presented) A touch type liquid-crystal display device according to claim 1, wherein said liquid-crystal display panel comprises a macromolecular dispersion type liquid-crystal display panel.

12. (Previously Presented) A touch type liquid-crystal display device according to claim 1, wherein said liquid-crystal display panel comprises a cholesteric liquid crystal.

13. (Previously Presented) A touch type liquid-crystal display device according to claim 1, wherein said liquid-crystal display panel comprises at least one substrate having a protrusion.

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14. (Previously Presented) A touch type liquid-crystal display device according to claim 1, wherein said liquid-crystal display panel comprises a substrate which serves also as a substrate for supporting one of said electrodes in said touch panel.

15. (Currently Amended) An input detecting method comprising steps of:
disposing a touch panel comprising at least a pair of electrodes opposite to each other through a gap on a back side, opposite to a visual side, of a liquid-crystal display panel, wherein said liquid-crystal display panel comprises a colored substrate, and said electrodes are disposed on a back side, opposite to a visual side, of said colored substrate; and
partially bending said liquid-crystal display panel by a pressing force to bring said electrodes of said touch panel into partial contact with each other to thereby detect a position of said pressing force.